

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, 9th Floor
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The cells on these sheets are protected except for the ones that need information. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name City of Winters	County Yolo County		
Authorized Signature	Title Administrative Assistant		
Type/Print Name of Person Signing Jack Kelly	Date (530) 795-2820 ext. 115		
Person Completing This Form (please print or type) Jack Kelly	Title Project Manager		
Affiliation: City of Winters			
Mailing Address City of Winters, 318 First Street	City City of Winters	State CA	ZIP Code 95694
E-mail address pubwks@afes.com			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved base-year: 1990	2. Proposed new generation-based study year: 2000
3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion: This new generation number reflects the current disposal and the diversion practices in the year 2000. The City has implemented, and maintained numerous diversion practices in the last ten years, and is committed to continued diversion program expansion.	

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. 31 %	Diversion rate calculated using new generation-based study	b. 47%
For existing base year pounds/person/day based on generation	7.0	For new generation based study pounds/person/day based on generation	9.7
Residential generation 42% Non-Residential Generation 58%		Residential generation 36% Non-Residential generation 64%	
Population existing generation-based study	4,639	Population new generation-based study	5,525
5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.			
This new diversion rate is the result of a detailed Waste Generation and Diversion Study. The study reflects the concentrated efforts the City and businesses have taken to increase recycling and diversion activities. Several new diversion programs, educational outreach, and technical assistance programs have been implemented in the City, as described in the PARIS section of the Annual Report. The City is further committed to pursuing more effective recycling by moving towards a single stream program, and further expanding public education efforts.			

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The City is currently working to expand and improve existing programs, institute recycling requirements in city construction contracts, and is working with the franchise hauler and private sector to improve programs. The default adjustment method does not accurately represent the impact of the existing diversion programs. The new study enabled the City to gain a clear understanding of the existing disposal and diversion activities, and provided information for more efficient programs which are currently being arranged with the franchise hauler.

7. Disposal Tonnage: (enter values)	2097.38	3138.62	5236.00
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your **disposal** data and complete the required tables.

- X a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)
- b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwmrb.ca.gov/lgcentral/forms/rytnmdrq.doc>)
- c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwmrb.ca.gov/lgccentral/forms/rytnmdrq.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, [agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal] please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed non-Residential waste audit information in Section 9.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (use operation name in one box)	Specific facility used (use facility name in one box)	Type of record and location of record
Backyard composting	(a) 4.70	100%		0.213tons/household/year. Source: Alameda County Waste Management Authority study.	Composting bin distribution log. City Public Works Department
Grasscycling		100%			
Other Residential Source reduction (list each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal Residential Source Reduction	5	0.0%			
Recycling					

Curbside Recycling		286.12	2.9%	Mixed paper and container materials (Al, plastic, glass, metal cans)	Source: Hauler	Tonnage Reports. City Public Works Department
Buyback centers				Aluminum, plastic, and glass redemption containers.	Source: State	Buy Back Center Tonnage report - Department of Conservation
Drop-off centers		93.70	10%			
Other Residential recycling (list each program separately)						
Enter program name						
Enter program name						
Enter program name						
Enter program name						
Subtotal Residential Recycling Composting	340	3.9%				
Green waste drop-off				Grass clippings, tree and shrub clippings	Source: County	Tonnage Reports. Yolo County Central Landfill
Curbside green waste		4.00	0.0%			Tonnage Reports. City Public Works Department. NOTE: 1187.17 tons of materials collection goes to Co-Generation
Christmas Tree program		319.79	3.3%	Grass clippings, tree and shrub clippings	Source: Hauler	
Other Residential composting (list each program separately)		0.00	0.0%			
4050-SP-WDW Residential Wood Waste Drop Off		12.67	0.1%	scrap wood	Source: County	Tonnage Reports. Yolo County Central Landfill
Enter program name						
Enter program name						
Enter program name						
Enter program name						
Subtotal Residential Composting	336	3.4%				
Subtotal Residential Diversion	721	7.4%				
Non-Residential Activities:						
Source Reduction						

Non-Residential Waste Audit*	395.62	4.0%	See Section 9
Other non-Residential source reduction (list each program separately)			
1000-SR-XRG Grasscycling, Government	65.00	Grass clippings	6.5tons/10acre/year. Source: CIWMB, Z.Poulsen Acreage grasscycled report: City Public Works Department.
Subtotal Non-Residential Source Reduction	461	4.7%	See Section 9
Non-Residential Waste Audits*			
Recycling	200.15	2.0%	See Section 9
Other non-Residential recycling (list each program separately)			
2030-RC-OSP Commercial On-Site Pickup	102.28	Mixed paper, Cardboard and Container materials (Al, plastic, glass, metal cans)	Source: Hauler Tonnage Reports. City Public Works Department
2050-RC-SCH School Recycling	5.65	0.1% Cardboard	Source: Hauler Tonnage Reports. City Public Works Department
2060-RC-GOV Government Recycling	0.23	0.0% Mixed Paper	Estimated % of actual tons, to determine tonnage of government recycling. Source: Hauler Reported volume and frequency. Waste Management (hauler)
4020-SP-TRS Tires	8.80	0.0% Tires	Source: County Tonnage Reports. Yolo County Central Landfill
4030-SP-WHG White Goods	24.10	0.2% Appliances, Microwaves, Refrig's, Washers	Tonnage Reports. Yolo County Central Landfill, and City Public Works Department Source: County and Hauler
Subtotal Non-Residential Recycling	341	3.5%	See Section 9
Composting			
Non-Residential Waste Audit*	6.24	0.1%	See Section 9
Other non-Residential composting (list each program separately)			

4050-SP-WDW Wood Waste, Commercial On-site Pickup	84.31	0.9%	scrap wood	Source: County	Tonnage Reports. Yolo County Central Landfill
4050-SP-WDW Wood Waste, Commercial Self Haul	16.20	0.2%	scrap wood	Source: County	Tonnage Reports. Yolo County Central Landfill
Subtotal Non-Residential Composting	107	1.1%			
Subtotal Non-Residential Diversion	909	93%			
Residential/Non-Residential Diversion Activities					
ADC	0.00	0.0%			
Sludge	0.00	0.0%			
Scrap metal					
Concrete/Asphalt/Rubble	343.69	3.5%		Source: County and Hauler	
Landfill salvage	0.00	0.0%	aggregate, inerts, concrete	Source: County and City Department. Non- Extrapolated Audits.	Tonnage Reports. Yolo County Central Landfill, and Non- Public Works Department. Non- Extrapolated Audits.
Subtotal Residential/Non-Residential diversion	2925	29.9%			
Total Diversion Tons	4555	48.5%			
Total Disposal Tons from Sec.7	5236	53.48%			
Total Generation Tons (Div+Dis)	9791				

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each nonresidential generator separately from large to smallest based on total diversion tons. Audit reference number lists to your audit sheets.

(Form will perform all addition calculations)

Please provide an attachment 9 which includes all of the generators surveyed include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each generator diversion activity/material type. Include copies of survey forms used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities include material type (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ____
food processor	28	OCC recycling, Fe scrap recycling, wood scrap recycling, toner/printer cartridge recycling, Fe parts scavenged for reuse, unsellable food stock to feed, repair of pallets, reuse pallets, repair of wooden crates	378.59	36.02		414.61	4.8%	0
auctioneering and liquidation of grocery store fixtures	9	scrap metal recycling, double sided copying	0.01	300		300.01	3.5%	0
grocery store	14	baled OCC recycling, pallet recycling, meat & bone rendering, double sided copying, use of totes, OCC reuse	0.77	59.4		60.17	0.7%	0
manufacturer of pick-up truck shells	1	Occ recycling, double sided copying, Al scrap recycling, pallet recycling.	0.01	21.92		21.93	0.3%	0
catering	3	OCC recycling, grease recycling, food donation	6	11.54		17.54	0.2%	0
hardware store	8	OCC recycling, pallet recycling, double sided copying, use of totes, OCC reuse	0.76	15.09		15.85	0.2%	0
restaurant	2	OCC recycling, bucket recycling, grease recycling, food composting, OCC reuse	0.69	9.8	5.2	15.69	0.2%	0

pizza parlor	30	OCC recycling, grease recycling, reuseable plastic glasses vs disposable	0.28	13.91		14.19	0.2%	0
SCHOOL district	31	OCC recycling, green waste composting, pallet recycling, OCC reuse, wood reuse, mulching, gravel reuse	7.14	4.87	1	13.01	0.2%	0
newspaper	16	newsprint recycling, double sided copying	0.05	9.6		9.65	0.1%	0
		Totals		394.3	482.2	6.2	882.7	10.2%

Reference Number	Business Type	Description	Number of Employees	Source Reduction	Recycling	Diversion (Weight In Pounds)	Material Type	Conversion Factor	Source	Diversion Factor	Diversion Total	Date Material Disposal	Total Diversion
												Program Begun	Division per Year
24	Dentistry Office	Press & Print Forms (Inhaler Recycling)	30	18.00	-	1,567.21	Paper Metal	3 bushels	USEPA Actual Weight	16.00	0.01		0.01
25	Veterinarian	OCO recycling press printing	30	-	1,234.00	-	Paper	5 bushels	USEPA Actual Weight	17.21	1.74		
26	Restaurant	OCO recycling	20	-	824.00	-	Paper	5 bushels	USEPA Actual Weight	16.00	0.00		4.82
27	Retail Goods Store - Accessories	OCO recycling reuse hammer	30	-	343.20	-	Paper	2 bushels	USEPA Actual Weight	14.20	0.32		0.72
28	Food Processor	OCO recycling	300.0	-	1,600.00	-	Paper	150 bushels	USEPA Actual Weight	15.00	0.03		45.61
		Foam & paper recycling	300.0	-	17,600.00	-	Paper Metal	17,500 bushels	USEPA Actual Weight	18.75	193.5		
		Wood scrap recycling	300.0	-	22.50	3,543.00	Paper Metal	325.5 bushels	USEPA Actual Weight	19.77			
		Electronics & Gears Return	300.0	-	-	5,000.00	Paper Metal	500 bushels	USEPA Actual Weight	22.50	0.01		
		Resaleable Food Stock to Food Banks	300.0	-	720,000.00	-	Paper	90,000 bushels	USEPA Actual Weight	5,000.00	36.00		199.5
		Resaleable Apparel	300.0	-	3,360.00	-	Paper	300 bushels	USEPA Actual Weight	3,000.00	0.66		
		Resaleable Furniture	300.0	-	9,600.00	-	Paper	300 bushels	USEPA Actual Weight	9,600.00	1.80		
		Resale of wooden cutters	300.0	-	-	-	Paper	150 bushels	USEPA Actual Weight	17,500.00	0.00		
		OCO recycling	3.0	-	114.00	-	Paper	8 bushels	USEPA Actual Weight	11.00	0.06		6.12
		Resale of old shirts	3.0	-	120.00	-	Paper	10 bushels	USEPA Actual Weight	11.00	0.06		
30	Pizza Place	OCO recycling Press recycling	10.5	-	2,812.00	-	Paper	50 bushels	USEPA Actual Weight	7,912.00	-3.81		14.19
		Hausleber, Electro-Disassembly & Disposing	10.5	-	860.00	-	Paper	51 bushels	FEFCO Actual Weight	26,007.00	0.00		
31	Soil & Gravel	OCO recycling	150.00	-	2,612.48	-	Paper	60 bushels	USEPA Actual Weight	560.00	0.28		
		Wood waste composting	150.00	-	-	-	Paper	60 bushels	USEPA Actual Weight	7,072.48	0.91		
		Delta Recycling	160.00	-	1,920.00	-	Paper	140 bushels	USEPA Actual Weight	2,000.00	0.00		43.51
		OCO reuse	160.00	-	2,288.00	-	Paper	40 bushels	USEPA Actual Weight	4,000.00	0.50		
		Matching	160.00	-	5,000.00	-	Paper	2,200 bushels	USEPA Actual Weight	2,000.00	1.40		
		Wood reuse	160.00	-	2,000.00	-	Paper	15 bushels	USEPA Actual Weight	1,000.00	0.67		
		grated reuse	160.00	-	-	-	Paper	15 bushels	USEPA Actual Weight	2,000.00	1.00		
		705456	705456	-	-	-	-	-	-	-	-		
		TOTAL	705456	-	791,227.45	492,941.30	664,153.59	2,990.00	12,482.40	1,370,172.82	92.09		92.09
		705456	705456	-	968.02	400.15	338.06	1.00	5.24	-	-		
		TOTAL	705456	-	791,227.45	492,941.30	664,153.59	2,990.00	12,482.40	1,370,172.82	92.09		92.09

Reference Number	Business Type	Activity Description	Number of Employees	Source Reduction	Downstream Impact (in pounds)		Concentration	Material Type	Consumer Factor (Cf)	Source	Waste Stream Classification	On-site Treatment	Total Diversion
					Recycling	R&R	SR & R						
25	Video Sales and Rental	OCC recycling	2.0		3,472.21			Paper	50 lb box	US EPA	3472.21		
7	bush	OCC recycling	12.00		386.00			Paper	2.2 bushel box	US EPA	386.00	0.32	
		effice paper recycling			1,200.00			Paper	100 bushel box	US EPA	1,200.00	0.05	
		business office recycling			12.00			Paper	2.5 yards	US EPA	12.00	0.01	
		double faced copying			12.00			Paper	5 bushel box	US EPA	12.00	0.01	
27	Resale Goods Store - RESELLER	OCC recycling	3.0		1,010.00			Paper	4 bushel box	US EPA	1,010.00	0.52	
		OCC recycling	3.0		313.20			Paper	2.2 bushel box	US EPA	313.20	0.17	
		paper recycling	3.0		68.40			Paper	0.09 bushel	Actual Weight	68.40	0.03	
12	frank denby	OCC recycling	4.00		757.20			Paper	2.2 bushel box	US EPA	757.20	0.46	
		effice paper recycling			30.00			Paper	50 lb box	US EPA	30.00	0.01	
		business office recycling			4.00			Paper	2.5 bushel box	US EPA	4.00	0.01	
		double faced copying			4.00			Paper	5 bushel box	US EPA	4.00	0.01	
20	Pen Manufacturer	OCC recycling	5.5		534.05			Paper	50 lb box	US EPA	534.05	0.27	
		W.L. Bechtel	5.5		9.00			Paper	50 lb box	US EPA	9.00	0.00	
		team of penmen	5.5		2.44			Paper	5.27 bushel	US EPA	2.44	0.00	
		team of pens	5.6		388.28			Paper	375 bushel	Total	388.28	0.18	
		team of pens	5.6		100.00			Paper	Other Office	US EPA	100.00	0.06	
29	Densis Offices	OCC recycling	3.0		114.00			Paper	2.2 bushel box	US EPA	114.00	0.08	
		recycle W.L. Bechtel	3.0		26.00			Paper	50 lb box	US EPA	26.00	0.00	
4	corporate offices for two restaurants	OCC recycling	4.00		130.00			Paper	2.2 bushel box	US EPA	130.00	0.11	
5	Techno company	double sided copying			14.00			Paper	50 lb box	US EPA	14.00	0.01	
22	Densis Offices	paper waste recycling	3.0		51.50			Paper	5 bushel box	US EPA	51.50	0.07	
		W.L. Bechtel	3.0		83.40			Paper	100 bushel	US EPA	83.40	0.04	
		paper waste recycling			18.00			Paper	60 bushel	US EPA	18.00	0.02	
24	Opener's Choice	paper waste recycling	3.0		0.50			Paper	3 bushel	US EPA	0.50	0.01	
23	Auto Recyclers	Non-Combustible Activity	4.0					Paper	0.09 bushel	Actual Weight	0.09	0.00	
		Total Tons			761,847.45			Paper	100 bushel	US EPA	761,847.45	0.25	
					395.62			Paper	60 bushel	US EPA	395.62	0.06	
					200.15			Paper	30 bushel	US EPA	200.15	0.04	
					332.08			Paper	10 bushel	US EPA	332.08	0.03	
					1.00			Paper	5 bushel	US EPA	1.00	0.00	
					6.24			Paper	1 bushel	US EPA	6.24	0.00	
								Paper	0.09 bushel	Actual Weight	0.09	0.00	

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concreter, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept.).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solid	Central Landfill Inerts Facility - inert processing for reuse	1998	80.43
Inert Solid	Commercial Audits - Non Extrapolated Restricted (inerts)	1998	1.00
Scrap Metal	Central Landfill Metals Facility - scrap metal processing for recycling	1995	11.61
Scrap Metal	Commercial Audits - Non Extrapolated Restricted Mrtls (scrap metals)	after 1993	332.08
White Goods	Central Landfill Metals Facility - white goods/appliance recycling	1995	24.10
Inert Solid	Commercial Audits - Non Extrapolated Restricted (inerts)	1994	2500.00

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].

- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]).

- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note : Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				
pull down for waste types				